

ABSTRACT OF THE DISCLOSURE

In a projection display device, a plurality of light emitting diode elements are arranged to make up a light emitting diode element array, and a plurality of the light emitting diode element arrays are assembled to form a light source array. The device comprises a mechanism for moving the light source array; a light source driver circuit for turning on each of the light emitting diode elements within the light emitting diode element array; and a control circuit for controlling the lighting of each light emitting diode element. A first and a second fly-eye lens are each composed of a plurality of rectangular elemental lenses assembled in an array form, where the element lenses are identical in quantity to the light emitting diode element arrays. The light source moving mechanism reciprocates the overall light source array in a plane perpendicular to the optical axis of the first fly-eye lens.